

## AMENDMENTS TO THE SPECIFICATION

Please amend Table 5 on page 64 as follows:

**TABLE 5: PCR Primers**

SNP Reference	Forward PCR primer	SEQ ID NO.	Reverse PCR primer	SEQ ID NO.
rs1374297	ATACCTGTGGCGTACACATG	4	AAAAGGTAGGCCTCACTTGC	5

Please amend Table 6 on page 64 as follows:

**TABLE 6: Extension Primers**

SNP Reference	Extend Probe	SEQ ID NO.	Termination Mix
rs1374297	CTGTGGCGTACACATGAAACTG	6	ACT

Please amend Table 10 on pages 67-69 as follows:

**TABLE 10**

dbSNP rs#	Forward PCR primer	Reverse PCR primer
48390	ACGTTGGATGACAAACGGGGAAAAC CTT (SEQ ID NO: 7)	ACGTTGGATGAATGATTAGCTTCTCA GAGTGGT (SEQ ID NO: 8)
63184	ACGTTGGATGTTCAATATGATGTGCCTG TAAACC (SEQ ID NO: 9)	ACGTTGGATGTGACCTTTCTAAAATCAA CATTCA (SEQ ID NO: 10)
720131	ACGTTGGATGTGGATTTCATTCCATGCG AGC (SEQ ID NO: 11)	ACGTTGGATGGCAAGTGCATGGACAATG AG (SEQ ID NO: 12)
720132	ACGTTGGATGGAGAACATGCATAGTCTAT CTG (SEQ ID NO: 13)	ACGTTGGATGACCCTAGACACTCCTTAC TC (SEQ ID NO: 14)
102040	ACGTTGGATGCACTGGTTATTGCTGTT 5 TC (SEQ ID NO: 15)	ACGTTGGATGAGCATGTGTCAACTAAGA GG (SEQ ID NO: 16)
105083	ACGTTGGATGATAGATGAGTCAGCTAT 8 GCC (SEQ ID NO: 17)	ACGTTGGATGTACTTACAGGCATCACAG GC (SEQ ID NO: 18)
106354	ACGTTGGATGCCAGAGTTAGAACCTTCT 7 GCC (SEQ ID NO: 19)	ACGTTGGATGGCATCTTCATCCTCTTCC TC (SEQ ID NO: 20)
134879	ACGTTGGATGAGTGAAATTCCATGCC 5 CTC (SEQ ID NO: 21)	ACGTTGGATGGTGTTCAGAAAGGCTTCT GG (SEQ ID NO: 22)
134879	ACGTTGGATGAATAGGATTAACTAAGAA 6 GC (SEQ ID NO: 23)	ACGTTGGATGCTCAGCTACAGAGGTAAT AG (SEQ ID NO: 24)
134879	ACGTTGGATGTTGAGAACCTTCTCCT 8 GCC (SEQ ID NO: 25)	ACGTTGGATGCTAAATTGGGTGTAAT GCC (SEQ ID NO: 26)
134879	ACGTTGGATGTTGCCATGTGACACACC 9 TGC (SEQ ID NO: 27)	ACGTTGGATGAAAGCACCAGCATCTGCT TC (SEQ ID NO: 28)
135757	ACGTTGGATGCCCTGAGAAGTTAAC AC (SEQ ID NO: 29)	ACGTTGGATGGCAAGGTAAGAGGATACA AC (SEQ ID NO: 30)

dbSNP rs#	Forward PCR primer	Reverse PCR primer
2	TTG (SEQ ID NO: 29)	AG (SEQ ID NO: 30)
137429	ACGTTGGATGTGTAAGATGCACGAGGA (SEQ ID NO: 31)	ACGTTGGATGACACCTGTCGACTAACTT (SEQ ID NO: 32)
5	CAG (SEQ ID NO: 31)	TC (SEQ ID NO: 32)
137429	ACGTTGGATGAATTCCACAGCCAGACA (SEQ ID NO: 33)	ACGTTGGATGTGAGTATCAAGCTGTTG (SEQ ID NO: 34)
6	CAC (SEQ ID NO: 33)	AC (SEQ ID NO: 34)
137429	ACGTTGGATGTTTTGCACTTAACCTGG (SEQ ID NO: 35)	ACGTTGGATGCAGTACAACTTAACCAA (SEQ ID NO: 36)
8	AG (SEQ ID NO: 35)	G (SEQ ID NO: 36)
146602	ACGTTGGATGAATGGAGTCTGAAGGCC (SEQ ID NO: 37)	ACGTTGGATGGTTTGTTAATTCCCTG (SEQ ID NO: 38)
9	ATG (SEQ ID NO: 37)	AG (SEQ ID NO: 38)
183883	ACGTTGGATGGGAACCACAATAAGACC (SEQ ID NO: 39)	ACGTTGGATGTGTGATGCCCTCAGCTT (SEQ ID NO: 40)
9	AAG (SEQ ID NO: 39)	AT (SEQ ID NO: 40)
205372	ACGTTGGATGAACCATCACCCATACTGT (SEQ ID NO: 41)	ACGTTGGATGTACTGAGCCTTGAAGGAT (SEQ ID NO: 42)
8	CC (SEQ ID NO: 41)	GC (SEQ ID NO: 42)
137429	ACGTTGGATGATAACCTGTGGCGTACAC (SEQ ID NO: 43)	ACGTTGGATGAAAAGGTAGGCCTCACTT (SEQ ID NO: 44)
7	ATG (SEQ ID NO: 43)	GC (SEQ ID NO: 44)
224198	ACGTTGGATGGCAGGGAAATGCATTGG (SEQ ID NO: 45)	ACGTTGGATGACTATCTACCCCTGCCAGT (SEQ ID NO: 46)
1	ATC (SEQ ID NO: 45)	TC (SEQ ID NO: 46)
224198	ACGTTGGATGGAAAGGGGATCTAAA (SEQ ID NO: 47)	ACGTTGGATGAACTGGCAGGGTAGATA (SEQ ID NO: 48)
2	AGG (SEQ ID NO: 47)	GTC (SEQ ID NO: 48)
228993	ACGTTGGATGCAAAGTCCTCTATGTGC (SEQ ID NO: 49)	ACGTTGGATGAGTGTGTAGATAGCAT (SEQ ID NO: 50)
8	AAG (SEQ ID NO: 49)	CC (SEQ ID NO: 50)
231738	ACGTTGGATGGCGCGACTGATTGTGC (SEQ ID NO: 51)	ACGTTGGATGTCTCCTGATCCATGGGTT (SEQ ID NO: 52)
3	TAC (SEQ ID NO: 51)	GC (SEQ ID NO: 52)
292173	ACGTTGGATGTTGGGATTACAGGTGTG (SEQ ID NO: 53)	ACGTTGGATGCTGGTAGTGAATTTGG (SEQ ID NO: 54)
4	AGC (SEQ ID NO: 53)	GTG (SEQ ID NO: 54)
292173	ACGTTGGATGGCAAGCTCACATGCGTG (SEQ ID NO: 55)	ACGTTGGATGGACTATTCTGTAGTCTGT (SEQ ID NO: 56)
5	TAG (SEQ ID NO: 55)	GTG (SEQ ID NO: 56)
292173	ACGTTGGATGGATGAGTAGAGTTGAGT (SEQ ID NO: 57)	ACGTTGGATGGCTCAGGGCAAGAAAAGA (SEQ ID NO: 58)
7	TCC (SEQ ID NO: 57)	ATC (SEQ ID NO: 58)
292173	ACGTTGGATGGTCAAGCTCAAGAGTGG (SEQ ID NO: 59)	ACGTTGGATGTTAACCCCCACATAGCAG (SEQ ID NO: 60)
8	AAG (SEQ ID NO: 59)	CC (SEQ ID NO: 60)
292173	ACGTTGGATGTCCCCTCTCACAAAGCA (SEQ ID NO: 61)	ACGTTGGATGAAGTGAGCAACTGAGTCC (SEQ ID NO: 62)
9	ACC (SEQ ID NO: 61)	TC (SEQ ID NO: 62)
292174	ACGTTGGATGTGCTTGCATCAGAGTGT (SEQ ID NO: 63)	ACGTTGGATGTTGCCAAATCTCTTGT (SEQ ID NO: 64)
5	TTC (SEQ ID NO: 63)	GC (SEQ ID NO: 64)
292174	ACGTTGGATGCACTAGAGGAAAACCTA (SEQ ID NO: 65)	ACGTTGGATGTAGACACAAAGTCCTTGC (SEQ ID NO: 66)
8	GGC (SEQ ID NO: 65)	CC (SEQ ID NO: 66)
292175	ACGTTGGATGAGGCCAAGATTGGTTT (SEQ ID NO: 67)	ACGTTGGATGTCGCTGAATCCCATGAAG (SEQ ID NO: 68)
0	GAC (SEQ ID NO: 67)	AC (SEQ ID NO: 68)
292175	ACGTTGGATGAGAGAGGAAGGAGGAG (SEQ ID NO: 69)	ACGTTGGATGCTCAGAGTGGTAGGAAAT (SEQ ID NO: 70)
5	AAAC (SEQ ID NO: 69)	CC (SEQ ID NO: 70)
292177	ACGTTGGATGCAAATGAAGTGGAGAG (SEQ ID NO: 71)	ACGTTGGATGACTTGCATTGCTAACTT (SEQ ID NO: 72)
1	AGC (SEQ ID NO: 71)	C (SEQ ID NO: 72)
292178	ACGTTGGATGGCAAGCAACTGTATCCT (SEQ ID NO: 73)	ACGTTGGATGGATCACTGGTGGATCTT (SEQ ID NO: 74)
2	AAAC (SEQ ID NO: 73)	AC (SEQ ID NO: 74)
292178	ACGTTGGATGGTGTACTGTAGCTAAA (SEQ ID NO: 75)	ACGTTGGATGTATCTTGAAGGGTTCCCT (SEQ ID NO: 76)
4	CACA (SEQ ID NO: 75)	CG (SEQ ID NO: 76)
292178	ACGTTGGATGAACTGGAGTCTGCCAAC (SEQ ID NO: 77)	ACGTTGGATGCAGTAGAAACTGTTAAG (SEQ ID NO: 78)
5	CAC (SEQ ID NO: 77)	GC (SEQ ID NO: 78)
292178	ACGTTGGATGGGAGAAGGAAATGATGG	ACGTTGGATGCTGTTATGCTGGAATAA

dbSNP rs#	Forward PCR primer	Reverse PCR primer
7	TGG (SEQ ID NO: 79)	CC (SEQ ID NO: 80)
2921790	ACGTTGGATGTTGCTGCCGTGAGACA TTC (SEQ ID NO: 81)	ACGTTGGATGCTACTAAAGCTTCTGTAA GG (SEQ ID NO: 82)
3020111	ACGTTGGATGTTCTGTTTTGGCCTG TC (SEQ ID NO: 83)	ACGTTGGATGCTATGACAGATGACTGTG AC (SEQ ID NO: 84)
3020117	ACGTTGGATGATTGTTTTAAGAGGCG GG (SEQ ID NO: 85)	ACGTTGGATGGTGCTATAATCCAGCCTG TG (SEQ ID NO: 86)
3020125	ACGTTGGATGCAGTTGTTCTGGTGAG ATC (SEQ ID NO: 87)	ACGTTGGATGCTTATCCCAGTAAGCATA CC (SEQ ID NO: 88)
3020130	ACGTTGGATGAGACAGTTGACAAAGCC TGG (SEQ ID NO: 89)	ACGTTGGATGTCTCTGAATCTAATGTT CC (SEQ ID NO: 90)
3020131	ACGTTGGATGGTTACTGTACAATTGT CCC (SEQ ID NO: 91)	ACGTTGGATGAAGCGACTTGAGCATTG TG (SEQ ID NO: 92)
3020132	ACGTTGGATGTGGTGTACATTATGTCC CG (SEQ ID NO: 93)	ACGTTGGATGTGAGGCCTACCTTTTGT AC (SEQ ID NO: 94)
3020138	ACGTTGGATGGTTGAGCATCTTCATG TG (SEQ ID NO: 95)	ACGTTGGATGTGGGCAAAGGACTTGCAT AG (SEQ ID NO: 96)
3020139	ACGTTGGATGGTAATCACACTGCTACC CTG (SEQ ID NO: 97)	ACGTTGGATGGATTGTGATTCTTTGAG GG (SEQ ID NO: 98)
3020141	ACGTTGGATGGTAGGAAATGGGATT ACAG (SEQ ID NO: 99)	ACGTTGGATGTATCAAGCCTCGGGTATT CC (SEQ ID NO: 100)
3020152	ACGTTGGATGCAAAGTCATCTGCCTAA CC (SEQ ID NO: 101)	ACGTTGGATGCAGGTACTCAATAGATGT GG (SEQ ID NO: 102)
3020156	ACGTTGGATGGTATTCCACATAAGTACT CCC (SEQ ID NO: 103)	ACGTTGGATGACAGAAAGCATTAAACAG GG (SEQ ID NO: 104)
3020160	ACGTTGGATGACCTAAAAGACCTGCCA CAC (SEQ ID NO: 105)	ACGTTGGATGCCTCATGAATTACCTTCT TC (SEQ ID NO: 106)
3020161	ACGTTGGATGTGCCCTCTTCCTCCAAA TG (SEQ ID NO: 107)	ACGTTGGATGAGGAACCTGTGCAACTGT AG (SEQ ID NO: 108)
3020163	ACGTTGGATGAACCAAAAGATTCTCTGC TG (SEQ ID NO: 109)	ACGTTGGATGATCCCCAACGCTTGTAC AG (SEQ ID NO: 110)
3020164	ACGTTGGATGGTGATTGGTCAGGTAT GGG (SEQ ID NO: 111)	ACGTTGGATGAAACTTGCCCCAGAATCC AC (SEQ ID NO: 112)
3020167	ACGTTGGATGGACCTATACAGGGCACT TAC (SEQ ID NO: 113)	ACGTTGGATGCTCACTACTCACACACTG AC (SEQ ID NO: 114)
3020168	ACGTTGGATGTGGAATGTACCCATGT GAG (SEQ ID NO: 115)	ACGTTGGATGACCTGATTGAGTCAGT GC (SEQ ID NO: 116)
3020169	ACGTTGGATGGAGGAACAGTCATGAA GGC (SEQ ID NO: 117)	ACGTTGGATGAGCATGTGCAACTAAGA GG (SEQ ID NO: 118)
3020181	ACGTTGGATGTTGCCCTTGCCTCATT TTG (SEQ ID NO: 119)	ACGTTGGATGCCAACCAACCATTAGAAG AG (SEQ ID NO: 120)
3816342	ACGTTGGATGCCTACTTCTCCCTATA TG (SEQ ID NO: 121)	ACGTTGGATGAATGTTGGGACTCCTCGC AG (SEQ ID NO: 122)

Please amend Table 11 on pages 69-70 as follows:

TABLE 11

dbSNP rs#	Extend Primer	SEQ ID <u>NO.</u>	Term Mix
48390	AGGCACATCATATTGAAT	<u>123</u>	ACT
63184	AAACCAAGGAGTTTCCC	<u>124</u>	ACG
720131	GAGCTAACCTGGCCTCC	<u>125</u>	ACT
720132	TATCCTAATTTCCTTGAGCA C	<u>126</u>	ACT
1020405	CCATTCAATTGTAAAATTTC G	<u>127</u>	CGT
1050838	GGAGTTAACGAAAAGC	<u>128</u>	ACG
1063547	CCAGAAAAGAGAAGGA	<u>129</u>	ACT
1348795	CCCTCCAGACACCTCCAC	<u>130</u>	ACT
1348796	AACTAAGAAGCAATAAGGAG AA	<u>131</u>	ACG
1348798	CAAAATTCTATAGACTCGCA C	<u>132</u>	CGT
1348799	CCCCCTTGCCTTCCACC	<u>133</u>	CGT
1357572	TTCCCCCAAGAAATCAACCC	<u>134</u>	ACT
1374295	CGAGGACAGAGACTGTA	<u>135</u>	CGT
1374296	AGACACACTGCCCCCCC	<u>136</u>	CGT
1374298	CTGGAGATTTCATGTTAG	<u>137</u>	ACT
1466029	GAAGGCCATGTGAGTATT	<u>138</u>	ACG
1838839	GACCAAGAATAGCCAAAG	<u>139</u>	ACG
2053728	CTTGCCACTCTCCTTTC	<u>140</u>	ACT
1374297	CTGTGGCGTACACATGAAAC TG	<u>141</u>	ACT
2241981	GCCTCCTGTCTTCCAGAG	<u>142</u>	ACT
2241982	ACAAGTCCTACCCCTCAG	<u>143</u>	ACG
2289938	TTGGCTGAAAGTATGCTTC TATA	<u>144</u>	ACG
2317383	CGCCTGGAAACCATGCTT	<u>145</u>	ACG
2921734	GTGTGAGCCACTGTGCC	<u>146</u>	ACG
2921735	ACCCCCCAAAATGTTA	<u>147</u>	ACG
2921737	AGTTGAGTTCTTATAAAGA AA	<u>148</u>	ACG
2921738	ACTTATTGGCCTCTAAAAC	<u>149</u>	ACT
2921739	CCTCAGTGAATTAAACTCA TCA	<u>150</u>	ACT
2921745	TCAGAGTGTTCGATTAA A	<u>151</u>	ACG
2921748	GAAAACCTAGGCAATACCA	<u>152</u>	ACG
2921750	CAGTTCACTCGTTGATTAA AGGAGAAACAGGAAAGTAC	<u>153</u>	CGT
2921755	AG AG	<u>154</u>	ACT
2921771	AGAGGATGAATAGGCC	<u>155</u>	ACT

dbSNP rs#	Extend Primer	SEQ ID NO.	Term Mix
2921782	AAGCTTCTAGAATACTATCT GT	<u>156</u>	ACT
2921784	TTTTCTAAATCTACATGCTTT GTT	<u>157</u>	CGT
2921785	CCACACCACCATCTAAG	<u>158</u>	CGT
2921787	GGTCCAATATTAGGTATGTG	<u>159</u>	ACT
2921790	CATTCAAGACTCTCAGAG	<u>160</u>	CGT
3020111	TTGGCCTGTCTACTGAT	<u>161</u>	ACT
3020117	TCTCTGCTGTGTTATCCA	<u>162</u>	ACT
3020125	CATACCAGTTGCAC TGC	<u>163</u>	ACG
3020130	AAGCCTGGTTTTTTCTTTT G	<u>164</u>	CGT
3020131	AAGGGGAATTGGTTCAG	<u>165</u>	ACT
3020132	TTTATGTCCCAGTTAAAAT AT	<u>166</u>	ACT
3020138	TTTCATGTGCTTATTGGCC	<u>167</u>	ACT
3020139	TCCTCATAAACCATCTTTT	<u>168</u>	ACT
3020141	ATGGGATTACAGAAAATTGA C	<u>169</u>	ACT
3020152	TGTCCTAACCACTACAC	<u>170</u>	ACT
3020156	TAGAATTCAAAACAAGTGGT AA	<u>171</u>	ACT
3020160	CAAAATGATAAACACATCAAT GTA	<u>172</u>	CGT
3020161	TCCAAATGATCTCAACACCT	<u>173</u>	ACG
3020163	TCTCTGCTGAAGTTGCT	<u>174</u>	ACT
3020164	GATCCAATTCTGGCCAATT AAT	<u>175</u>	ACT
3020167	GCGGCAGGACTGGAACG	<u>176</u>	ACG
3020168	AGGGAAAAGAAGACAAATT AGAC	<u>177</u>	ACG
3020169	AAAAAAAAACACAAAACAC TG	<u>178</u>	ACT
3020181	CAAATTTTGTGAATGCC	<u>179</u>	ACG
3816342	CTCTCCCTATATGCAATCA	<u>180</u>	ACG

Please amend Table 13 on page 74 as follows:

TABLE 13

Primer Name	Primer Sequence	SEQ ID NO.
RAD21F13	CTTGGGGTGCTGTTTCT	<u>181</u>
RAD21R13	ATTGCCACAGGGAGTGAT	<u>182</u>
RAD21F12	CTCTCCCTCCAGAAAAATA	<u>183</u>
RAD21R12	CTCAGCAGCATTAAAGTACAGT	<u>184</u>
RAD21F11	GAGTTACAGCGAAGCATAA	<u>185</u>
RAD21R11	TCCTTGTGGGGAAGTATAG	<u>186</u>
RAD21F10	TGGAGCACTCTAAAGCAATAC	<u>187</u>
RAD21R10	ATCCCCTTCCCCCTTAC	<u>188</u>
RAD21F9	AAGACAGGAGGCCTCATACT	<u>189</u>
RAD21R9	CCTTGGAAGATAGAAATCAGT	<u>190</u>
RAD21F8	AAAGAAAATGTGCCATACAG	<u>191</u>
RAD21R8	TGCGTCATTTGCTTATT	<u>192</u>
RAD21F7	AAAAAAAGCAAGAACGCCTAGT	<u>193</u>
RAD21R7	TTTCTCCTCCCCATTGT	<u>194</u>
RAD21F6	TACAATCATCCCCAGAACATC	<u>195</u>
RAD21R6	CTGGAGGAGAAACAGATAAA	<u>196</u>
RAD21F5	CCGAAATGTCCTATTGAAC	<u>197</u>
RAD21R5	TGCCCCAGTGTGTAACT	<u>198</u>
RAD21F4	ACTCCTCGCAGAAATCAA	<u>199</u>
RAD21R4	CTTGGATTGTACTGGAATGTG	<u>200</u>
RAD21F3	ACAAGCGTATCTGTTCACT	<u>201</u>
RAD21R3	TACCTACTTATCTCCCTCTGAT	<u>202</u>
RAD21F2	TGAAGGGTTCTCGTATT	<u>203</u>
RAD21R2	ATTTCCAGTCACTCTGTCTT	<u>204</u>
RAD21F1	CTGATGCTTATTGCCATTA	<u>205</u>
RAD21R1	TTCCCCTCTTAGGTTTCTT	<u>206</u>
RAD21PRO F1	CTTTCTATCGCTTGAATACA	<u>207</u>
RAD21PRO R1	ACACAGAACCCCTTGAGAA	<u>208</u>

Please amend Table 15 on page 75 as follows:

TABLE 15

dbSNP rs#	Forward PCR primer	Reverse PCR primer
rs1050838	ACGTTGGATGACCTCTCCTCTCA TCATC (SEQ ID NO: 209)	ACGTTGGATGACCAGAGTTAGAACCT CTGC (SEQ ID NO: 210)
rs1050838a dj	ACGTTGGATGTACTTACAGGCATCA CAGGC (SEQ ID NO: 211)	ACGTTGGATGAGATGAGTCAGCTATG CCTC (SEQ ID NO: 212)
rs1063547	ACGTTGGATGAGATGAGTCAGCTAT GCCTC (SEQ ID NO: 213)	ACGTTGGATGTACTTACAGGCATCACA GGC (SEQ ID NO: 214)
rs3816342	ACGTTGGATGATCACCACTTCAATG TTGGG (SEQ ID NO: 215)	ACGTTGGATGCCTACTTCTCTCCCTAT ATG (SEQ ID NO: 216)
rs1804043	ACGTTGGATGTGTTCTCAGTAAAG AGGGC (SEQ ID NO: 217)	ACGTTGGATGACACATGGGCTTTGGT TAGC (SEQ ID NO: 218)
RAD_1101 2	ACGTTGGATGGAAGTCTTACTTCAA ATGTT (SEQ ID NO: 219)	ACGTTGGATGGAGTCATTAAAAAAAT TCAG (SEQ ID NO: 220)
RAD_1995 1	ACGTTGGATGATTGGAGTGCAAGGA AAATC (SEQ ID NO: 221)	ACGTTGGATGCATATCAAGTCTATCTA GAGG (SEQ ID NO: 222)

Please amend Table 16 on page 76 as follows:

TABLE 16

dbSNP rs#	Extend Primer	SEQ ID NO.	Term Mix
rs1050838	CTTCTGCCAGAAAAAGAGAAG GA	223	ACG
rs1050838adj	CTCAGGGAGTTAAGCGAAAA G	224	ACG
rs1063547	ACAGGCTCTGGGTCAATTG TCC	225	ACT
rs3816342	TCTCTCCCTATATGCAATCA	226	ACG
rs1804043	GCTTTGGTTAGCTTCTTATC C	227	ACC
RAD_11012	ATTCAGATGCTAAAGAATT	228	CGT
RAD_19951	TAGAGGTGATAAGGACTTCA	229	ACG

Please amend paragraph 237 on page 78 as follows:

[0237] A cumulative mRNA expression profile was determined for *RAD21* using a panel of 56 cells and tissues that represent a plurality of cells from different human tissue types. Specifically, RT-PCR was performed in cDNA made from 56 cell lines and 11 normal tissue samples using the following primers: forward, which spanned exons 8 and 9- CAATGCCAACCATGACTGAT (SEQ ID NO: 230) and CGGTGTAAGACAGCGTGTAAA (SEQ ID NO: 231). The cDNA samples represent a variety of tissue types throughout the human body. The PCR reactions were done in a final volume of 10 µl using Hotstar Taq™ from Qiagen, Inc. Half of the PCR reaction was loaded on a 2% agarose gel to resolve the resulting product. From the expression profiling described above, *RAD21* expression was found to be high and ubiquitous (see Figure 5).

Please amend Table 23 on page 79 as follows:

TABLE 23

siRNA	siRNA Target	Sequence Specificity	<u>SEQ ID NO.</u>
siRAD21_272	<i>RAD21</i>	AAGCCCAUGUGUUCGAGUGUA	<u>232</u>
siRAD21_1175	<i>RAD21</i>	AAGAGUUGGAUAGCAAGACAA	<u>233</u>
siRAD21_1175 S	Non-homologous scrambled control	AAGACAGAUACGAUGAUGAGA	<u>234</u>